

ABSTRACT

Methods, systems, and configured storage media are provided for flexible data mirroring.

In particular, the invention provides local-remote role reversal, implementation of hot standby

server status through a “media not ready” signal, several alternate buffer contents and buffering

5 schemes, transactioning, many-to-one mirroring through use of “virtual” remote mirroring units,

identification of frequently accessed data without application-specific knowledge but based

instead on an application’s logged and analyzed behavior, and use of the secondary server in a

non-authoritative manner.

10 \pc1